

S70	0	375/225.ccls. and spdif	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/06 14:26
S71	0	colin-frank.in. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:02
S72	0	frank-colin.in. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:02
S73	0	motorola.as. and ((antenna adj2 beamforming) same (antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:03
S74	0	motorola.as. and ((antenna adj2 beamforming) same ((antenna adj2 (array or diversity)) and (joint\$2 adj2 optimiz\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:03
S75	0	375/267.ccls. and ((antenna adj2 beamforming) same ((multiple or many or two) adj2 subscriber\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:04
S76	0	375/267.ccls. and ((antenna adj2 beamforming) and ((multiple or many or two) adj2 subscriber\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S77	8	375/267.ccls. and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S78	0	S77 and ((multiple or many or two) adj2 subscriber\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S79	3	S77 and ((multiple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 12:05
S80	0	S79 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:45
S81	0	"6314147".pn. and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:11

S82	4	"6404821".pn. "5754139".pn. "6002364".pn. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:14
S83	0	("6404821".pn. "5754139".pn. "6002364".pn.) and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:14
S84	0	375/267.ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:15
S85	0	455/429.ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:15
S86	1	(antenna adj2 beamforming) same ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:16
S87	1	(antenna adj2 beamforming) and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:17
S88	1	(beamforming) same ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S89	12	375/346.ccls. and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:28
S90	5	S89 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S91	0	S90 and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S92	0	"455".ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S93	0	"455".ccls. and ((joint adj2 optimization) and (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30

S94	0	"253786".pn. and ((joint adj2 optimization) and (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:30
S95	11	((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S96	1	S95 and (beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S97	0	"343".ccls. and ((joint adj2 optimization) with (weight\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:31
S98	0	S90 and ((joint adj2 optimization))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:32
S99	1	beamforming with ((joint adj2 optimization))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 15:38
S10 0	1	(weighting adj2 coefficient\$1) with ((joint adj2 optimization))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 1	55	(weighting adj2 coefficient\$1) with optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 2	2	S101 and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:13
S10 3	1	S102 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:12
S10 4	124	(weight\$3 adj2 coefficient\$1) near (antenna\$1 or (antenna adj2 (diversity or array)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S10 5	14	S104 and beamforming	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:15

S10 6	5	S105 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:15
S10 7	2	S106 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S10 8	1	S107 and joint\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:16
S10 9	51	(weight adj2 coefficient\$1) near (antenna\$1 or (antenna adj2 (diversity or array)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S11 0	0	(weight adj2 coefficient\$1) near (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S11 1	4	(weight adj2 coefficient\$1) and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:44
S11 2	2	S111 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 3	0	S112 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 4	0	S112 and optimiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:45
S11 5	0	S112 and ((multiple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S11 6	1	S112 and ((subscriber\$1 or user\$1 or mobile\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:50
S11 7	0	S112 and multipath	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:50

S11 8	18	S104 and ((mulitple or many or two) adj2 (subscriber\$1 or user\$1 or mobile\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S11 9	0	S118 and (antenna adj2 beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 0	3	S118 and (beamforming)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 1	2	S120 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/28 16:52
S12 2	79	antenna adj2 weight\$3 adj2 coefficient\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S12 3	8	S122 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:25
S12 4	2	S123 and joint\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:27
S12 5	2	S124 and optimization	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 6	0	S125 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 7	2	S123 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:26
S12 8	0	S127 and joint\$3 near optimiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:27
S12 9	0	S127 and (joint\$3 near optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28

S13 0	0	S122 and (joint\$3 near optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S13 1	0	(joint\$3 adj2 optimiz\$5) near (antenna adj2 weight\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/31 08:28
S13 2	3	optimiz\$5 near (antenna adj2 coefficient\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:20
S13 3	1	S132 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:21
S13 4	940	antenna adj2 weight\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:42
S13 5	2	S134 and (joint\$2 adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S13 6	0	S135 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:28
S13 7	0	"6351499".pn. and weight\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:22
S13 8	4	S134 and ((combin\$5 or dual or mutual or common) adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:29
S13 9	2	S138 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:28
S14 0	0	S134 and ((dual or mutual or common) adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 11:29
S14 1	1115	antenna adj2 (weight\$1 coefficient\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43

S14 2	159	S141 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S14 3	2	S142 and (joint\$2 adj2 optimiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:43
S14 4	0	S143 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/04 12:45
S14 5	1	"6351499".pn. and modulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:14
S14 6	2	"6314147".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:02
S14 7	2	"6697619".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:34
S14 8	0	"6697619".pn. and rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:35
S14 9	4	375/267.ccls. and beamform\$3 and rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 14:51
S15 0	2	S149 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09
S15 1	1	375/267.ccls. and beamform\$3 and rake and joint\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:15
S15 2	0	"6314147".pn. and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:08
S15 3	1181	((subscriber or mobile) with rake)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09

S15 4	30	S153 and (beamform\$3 or beam\$1) and joint\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:09
S15 5	15	S154 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:38
S15 6	0	375/267.ccls. and beamform\$3 and ((rake adj2 receiver\$1) near (user\$1 or ((subscriber or mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:16
S15 7	2	beamform\$3 and ((rake adj2 receiver\$1) near (user\$1 or ((subscriber or mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:16
S15 8	1	beamform\$3 and ((rake adj2 receiver\$1) near (user\$1 or ((mobile) adj2 unit\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:27
S15 9	0	"6351499".pn. and match	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:27
S16 0	0	"6351499".pn. and match\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:36
S16 1	3	((mulitple or dual or plural\$3 or two) adj2 (subscriber\$1 or mobile\$1 or receiver\$1)) near ((mulitple or dual or plural\$3 or two) adj2 ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:39
S16 2	2	S161 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:38
S16 3	0	((mulitple or dual or plural\$3 or two) adj2 (user\$1 or subscriber\$1 or mobile\$1)) near ((mulitple or dual or plural\$3 or two) adj2 ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:40
S16 4	0	each adj2 ((mulitple or dual or plural\$3 or two) adj2 (user\$1 or subscriber\$1 or mobile\$1)) near ((rake adj2 receiver\$1) or (match\$3 adj2 filter\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/06 15:40

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	503	decoder same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10
L2	1	(s adj2 t adj2 decoder) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:07
L3	1	(s adj2 t adj2 decod\$3) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L4	1	(s adj2 t adj2 decod\$3) with rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L5	9	1 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L6	3	5 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10
L7	142	beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
L8	69	7 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
L9	52	8 and (transmit\$5 or transceiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:31
L10	117	beamform\$3 same (space adj2 time diversity adj2 transmit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
L11	27	10 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
L12	4	11 and (beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	503	decoder same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10
L2	1	(s adj2 t adj2 decoder) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:07
L3	1	(s adj2 t adj2 decod\$3) same rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L4	1	(s adj2 t adj2 decod\$3) with rake	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L5	9	1 and beamform\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:08
L6	3	5 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:10
L7	142	beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
L8	69	7 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
L9	52	8 and (transmit\$5 or transceiver)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:31
L10	117	beamform\$3 same (space adj2 time diversity adj2 transmit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:58
L11	27	10 and @ad<"20000310"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59
L12	4	11 and (beamform\$3 same ((rake adj2 receiver) or (match\$3 adj2 filter\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/02/07 07:59